



Nexeo Plastics, LLC - HIVAL® PE HDBM 500354 AS

General Information

General

Material Status	* Commercial: Active
Availability	* North America
Test Standards Available	* ASTM
Recycled Content	* No
Forms	* Pellets
Additive	* Anti-Stat
Processing Method	* Blow Molding

Typical Properties	Nominal Values	Units	Test Method
Physical			
Melt Mass Flow Rate (MFR) (190°C/2.16 kg)	0.35	g/10min	ASTM D1238
Density	0.954	g/cm ³	ASTM D1505
Mechanical			
Tensile Strength, Yield	3,900	psi	ASTM D638
Tensile Elongation, Break	>500	%	ASTM D638
Flexural Modulus	180,000	psi	ASTM D790
Thermal			
Low Temperature Brittleness	<-104	°F	ASTM D746

Compliance

This material is FDA compliant for food contact applications under 21 CFR 177.1520

Suggested Applications

Blow Molded Bottles

This product is not intended for and must not be used in any pharmaceutical/medical or automotive applications.

For technical assistance please call the Nexeo Plastics TechConnect Center

TechConnect Center: +1-866-430-9666

Email: TechConnect@nexeoplastics.com

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